



SWIFT. SILENT. SECURE.

## Quick Disconnect 1/4" or 5/16"



### Product Quality Assurance

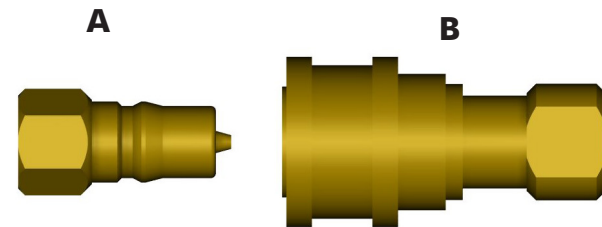
JL Marine Systems, Inc. assures that this product is made with the finest quality materials and is free from manufacturer defects. Please inspect this product immediately prior to installation. If defects are apparent, please contact JL Marine Systems, Inc. Warranty Department at 813-689-9932 immediately. Please read all instructions carefully for proper product installation. JL Marine Systems, Inc. is not responsible for improper installation of product.

#### Hardware:

- A** (2) Tubing quick disconnect male fitting
- B** (2) Tubing quick disconnect female fitting

#### Includes:

- (4) Compression fitting 5/16" straight with ferrule
- OR
- (4) Push fit straight 1/4" pre-installed into disconnect fittings



#### Installation Tools:

- Tubing cutter / razor blade
- Protective eye wear
- 9/16" Wrench
- 1/2" Wrench
- 12mm Wrench
- Shop rag for oil spillage

## Installation Instructions

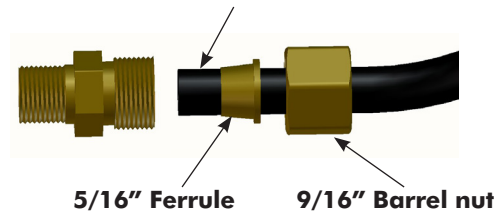
- Step 1** If installing from new and the Power-Pole shallow water anchor has not been primed skip Step 2 & 3.
- Step 2** Lower the Power-Pole anchor down to the ground.
- Step 3** Manually push the Power-Pole anchor to the closed position; this will release all pressure off the up and down hydraulic tubing.  
**NOTE:** If the Power-Pole Everflex spike is not fully resting on the ground at this point be sure to prop it up to relieve the weight off of the hydraulic ram.  
**WARNING:** Be careful not to touch the spike with bare hands because the spike may become fibrous after sun exposure and use.
- Important:** If you are physically unable to push the Power-Pole anchor to the closed position, then simply lower the Power-Pole down to the ground. Next, loosen the 9/16" barrel nuts **FIG. A-1** or 1/4" fittings **FIG. A-2** for both the up and down outlets on the hydraulic pump by turning it counterclockwise with the appropriate wrench to relieve the pressure.
- Step 4** Using a tubing cutter or razor blade cut each hydraulic tubing in the location you have chosen to install the disconnect fitting.  
**WARNING:** Before cutting tubing, make sure to wear eye protection and protect any boat surface or clothing that might come in contact with hydraulic fluid.
- Step 5** Follow the appropriate diagram illustrations below:  
**FIG. A - 1 & 3** for 5/16" tubing connections (black or blue) and  
**FIG. A - 2 & 4** for 1/4" hydraulic tubing connections (black or blue).  
**NOTE:** Be sure to use one disconnect male fitting (**A**) and one disconnect female fitting (**B**) for each hydraulic line disconnect connection.
- Step 6** Re-tighten the 9/16" barrel nut and 1/4" push fit straight connector back to its original position if previously loosened.
- Step 7** Connect the disconnect fitting by pulling back the female disconnect fitting (**B**) locking sleeve back and hold **FIG. B-1**. Now push the male disconnect fitting (**A**) into (**B**) female fitting and release the locking sleeve **FIG. B-2**.

## Installation Instructions - continued

**Figure A-1**

**BEFORE INSERTING**

**IMPORTANT:** Make sure tubing goes through the ferrule a full 1/2 inch.



**Figure A-3**

**AFTER INSERTING**

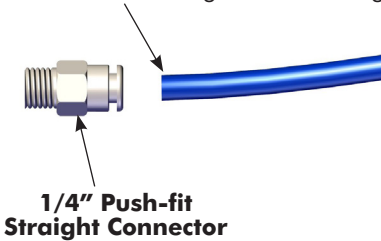
**IMPORTANT:** Nut must cover ALL threads.



**Figure A-2**

**BEFORE INSERTING**

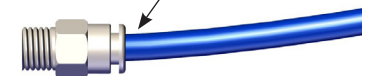
**IMPORTANT:** Make a square cut on the end of the tubing before inserting.



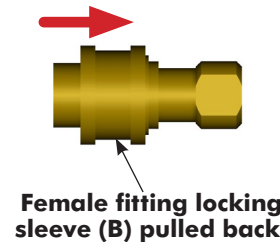
**Figure A-4**

**AFTER INSERTING**

**IMPORTANT:** Tubing needs to be pushed into fitting a full 1/2 inch.



**Figure B-1**



**Figure B-2**

